NITFS
Compliance Registration

Product: ELT/4000
Sponsor: Overwatch System Boston Operations
Developer: Overwatch System Boston Operations

Date: 30 Nov 2009
Expiration: 29 Nov 2011
Registration #: 2071

NITFS Features Implemented:

☐ **System,** N-0105/98, §4.1.1

☑ **Product,** N-0105/98, §4.1.2

☐ **Component,** N-0105/98, §4.1.3

☐ Initial Registration
☑ Supplemental/Update # 103
☐ Derived from Reg. # _____

Complexity Level

NITF 2.1 CLEVEL

	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-Solaris 7, Solaris 8, Solaris 9, 32 and 64-bit

Format
NITF
● ◉ 2.1
● ◉ 2.0
● ○ 1.1
NSIF
● ◉ 1.0

Annotation Segment Types
● ◉ Bit Mapped **
● ○ CGM 2301, Function
● ◉ CGM 2301, Description
● ○ CGM 2301A, Function*
● ○ CGM 2301A, Description*
● ○ Labels **
● ◉ U8S*
● ◉ MTF

Text Segments
● ○ SIP*
● ○ U8S*

Image Segment Non-Compressed
● ◉ MONO, 1Band
● ○ RGB, 3 Bands
● ◉ RGB/LUT, 1 Band
● ◉ MULTI, Multiband
● ○ NODISPLY, 1 to Multiband Mask

Image Segment Compressed
● ◉ **JPEG DCT**
　● ◉ 1 Band
　● ◉ 3 Band
　● ◉ Multiband
　● ◉ Mask
● ○ **JPEG Lossless**
● ◉ **JPEG Downsample**
● ◉ **JPEG 2000***
　◉ ◉ Code Stream w/o JP2
　● ○ Code Stream w/JP2
　● ◉ 1 Band
　● ◉ 3 Band RGB
　● ○ 1 Band RGB/LUT
　● ◉ Multiband
　● ○ Mask
● ○ **Bi-Level**
　● ○ Mask
● ○ **Vector Quantization**
　● ○ Mask

Data Extension Segments
● ◉ TRE_OVERFLOW*
○ ○ STREAMING_FILE_HEADER*
● ◉ Controlled Extensions **
● ◉ Registered Extensions **

Tagged Record Extensions
◉ ○ - ASDE
● ◉ - CSDE
● ◉ - DIGEST GeoSDE
● ◉ - NCDRD
● ◉ - PIAE
● ○ - RPF

● ○ - IOMAPA
● ◉ - ICHIPB
◉ ○ - BANDSB
● ◉ - HISTOA
● ◉ - J2KLRA
● ◉ - NBLOCA

Legend
Inter Gen
● ● Fully implemented
◉ ◉ Partially implemented
○ ○ Not implemented

** NITF 2.0 feature
* NITF 2.1 feature

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.